

A1 *Sub*
cont. B1
beginning of the processes from the infrared emission recorded during the
course of the processes.

A2
~~Claim 6 (amended). The method according to [any of claims 2 to 4]
Claim 2, 3 or 4, wherein said library plate consists of a material having low
infrared reflectivity.~~

A3
Sub
B5
~~Claim 8 (amended). The method according to [any of claims 2 to 4]
Claim 2, 3 or 4, wherein said library plate is coated with a film having low infrared
reflectivity.~~

~~Claim 9 (amended). The method according to [any of claims 2 to 7]
Claim 2, 3, 4 or 5, wherein the region of the surface of the library plate not
occupied by catalysts or materials is coated with a non-wetting film.~~

A4
Sub
B8
~~Claim 13 (amended). The method according to [any of claims 2 and 4-
12] Claim 2, 4, 5, 10 or 11, wherein the catalysts are within a reactor under
reaction conditions and are recorded by the externally provided infrared camera
through an infrared-transparent window.~~

~~Claim 14 (amended). The method according to [any of claims 1 to 13]
Claim 1, 2, 3, 4, 5, 10 or 11, wherein the infrared emission is recorded through a~~